

## Solar Saver® Series Single Wall Energy Saver Water Heater



Photo is of  
**S-SW2-60R6DS**

### *The Solar Saver® Series Single Wall Models feature:*

- **Heat Exchanger**—Single Wall 1½" O.D. glass coated (Vitraglas®) steel coil. The coil has a heat transfer area of 14.2 sq. ft. and a stored water volume of 2.5 gal. Maximum supply temperature from the solar collector must not exceed 250°F.
- **Sensor Wires for Solar Thermistor Connections**—Twisted wires are provided under the Upper and Lower covers. These wires have been provided as a means for connecting thermistors to a solar controller (Thermistors and Solar Controller are not provided).
- **Optimizer™ Temperature Control System**—Integrated mixing device features a thermostatically controlled mixing device that is pre-piped with a flexible connector. This required system is easily installed and ensures a comfortable outlet temperature while providing a steady flow of hot water.
- **Double Element Backup**—Allows entire storage tank to hold hot water during periods where solar heating is not available.
- **Factory Installed Hydrojet® Total Performance System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up in tank.
- **Vitraglas® Lining**—Bradford White water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Bradford White high silica Vitraglas® lining provides a tough interior surface for our hot water tanks.
- **Fully Automatic Controls**—Fast acting surface-mount thermostats for automatic temperature control. Factory installed sensitive manual reset energy cutoff for safety to prevent overheating.
- **Supply and Return Connections**—1" NPT female connections are located on the front for both the solar collector supply and return.
- **2" Non-CFC Foam Insulation**—Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity.
- **Potable Water Connections**—¾" NPT factory installed true dielectric fittings extend water heater life and eases installation.
- **Two Protective Aluminum Anode Rods**—Provide added protection against corrosion for long trouble-free service.
- **Direct Heat Transfer With Immersed Incoloy Elements**—Transfers heat directly and efficiently to the water. Screw-in style.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled and welded to assure a continuous seam for glass lining.
- **T&P Relief Valve**—Included.
- **Brass Drain Valve.**



### **6-Year Limited Tank Warranties / 6-Year Limited Warranty on Component Parts.**

For more information on warranty, please visit [www.bradfordwhite.com](http://www.bradfordwhite.com)

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 7,063,133 B2; 5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385; 5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165; 5,596,952; 5,682,666; 4,904,428; 5,023,031; 5,000,893; 4,669,448; 4,829,983; 4,808,356; 5,115,767; 5,092,519; 5,052,346; 4,416,222; 4,628,184; 4,861,968; 4,672,919; Re. 34,534. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 1,272,914; 1,280,043; 1,289,832; 2,045,862; 2,112,515; 2,108,186; 2,107,012; 2,092,105. Solar Saver®, Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.

# Solar Saver® Series Water Heater

## Solar Energy Saver Models

Meet or exceed ASHRAE 90.1b (current standard)

| Model Number  | Capacity  |           | Recovery at 90°F Rise* |          | A Floor to Heater Top | B Jacket Dia. | C Floor to Water Conn. | D Floor to T&P Conn. | E Floor to Solar Collector Supply in. | F Floor to Solar Collector Return in. | Approx. Shipping Weight |
|---------------|-----------|-----------|------------------------|----------|-----------------------|---------------|------------------------|----------------------|---------------------------------------|---------------------------------------|-------------------------|
|               | U.S. Gal. | Imp. Gal. | U.S. GPH               | Imp. GPH | in.                   | in.           | in.                    | in.                  |                                       |                                       | lbs.                    |
| S-SW2-60R6DS  | 60        | 50        | 20                     | 18       | 59 1/4                | 22            | 62 1/4                 | 53                   | 29 1/2                                | 7 3/8                                 | 210                     |
| S-SW2-75R6DS  | 75        | 62        | 20                     | 18       | 59 1/4                | 24            | 62 1/4                 | 53                   | 29 1/2                                | 7 3/8                                 | 236                     |
| S-SW2-115R6DS | 115       | 96        | 20                     | 18       | 62 3/4                | 28 1/4        | 64 1/2                 | 55 3/4               | 29 1/2                                | 7 3/8                                 | 340                     |

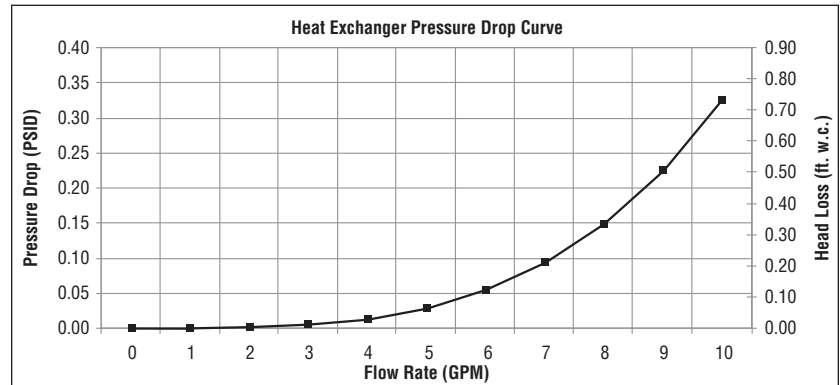
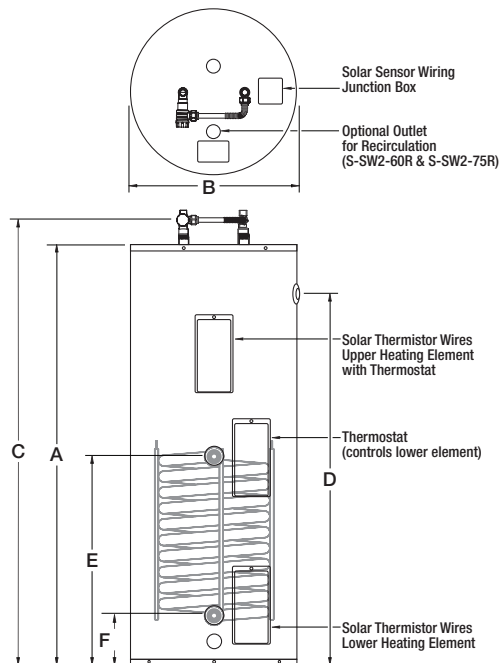
| Model Number  | Capacity |  | Recovery at 50°C Rise* |  | A Floor to Heater Top | B Jacket Dia. | C Floor to Water Conn. | D Floor to T&P Conn. | E Floor to Solar Collector Supply mm. | F Floor to Solar Collector Return mm. | Approx. Shipping Weight |
|---------------|----------|--|------------------------|--|-----------------------|---------------|------------------------|----------------------|---------------------------------------|---------------------------------------|-------------------------|
|               | Liters   |  | Liters/Hour            |  | mm.                   | mm.           | mm.                    | mm.                  |                                       |                                       | kg.                     |
| S-SW2-60R6DS  | 227      |  | 76                     |  | 1504                  | 559           | 1560                   | 1346                 | 749                                   | 187                                   | 95                      |
| S-SW2-75R6DS  | 283      |  | 76                     |  | 1504                  | 609           | 1560                   | 1346                 | 749                                   | 187                                   | 107                     |
| S-SW2-115R6DS | 435      |  | 76                     |  | 1593                  | 717           | 1601                   | 1416                 | 749                                   | 187                                   | 154                     |

\*Based on 4500W/4500W, Non-Simultaneous operation.

Optional 5500W/5500W, Non-Simultaneous operation.

### Electric Backup Water Heater Ratings

| Model Number  | First Hour Supply (Gal.) | Standby Heat Loss Rating (°F/Hr.) |
|---------------|--------------------------|-----------------------------------|
| S-SW2-60R6DS  | 84                       | 1.1                               |
| S-SW2-75R6DS  | 97                       | 0.9                               |
| S-SW2-115R6DS | 133                      | 0.7                               |



### General

All electric water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All potable water and electrical connections are 3/4" NPT (19mm) on 8" (203mm) centers. All models UL listed.

**Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.**

**Suitable for Water (Potable) Heating and Space Heating.**

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into the potable side of this system. The potable side may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.



Ambler, PA

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089

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**Built to be the Best™**

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